Application No: 10/565,770 File No.: 5003073.071US1

Response to 01/22/09 Office Action/Restriction Requirement

Amendments to the Claims:

(Currently Amended) [[A]] <u>Treated water-absorbing polymer particles consisting of a powdery water-absorbing polymer comprising:</u>

- from about 0.01 to about 20 percent by weight of the polymer of a fine particle with a particle size of less than about 200 µm;
- <u>from</u> about 0.001 to about 10 less than 1 percent by weight of the polymer of a thermoplastic adhesive; and
- from about 60 to about 99.998 percent by weight of the polymer of a waterabsorbing polymer particle with a particle size of about 200 μm and above, wherein

the fine particles are bound to the surface of the water-absorbing polymer particles by the thermoplastic adhesive and the <u>treated water-absorbing polymer particles</u> powdery water absorbing polymers have either

- a flow value (FFC) comprising from about 1 to about 13 <u>according to the</u>
 Determination of the FFC Value set forth in the present application, or
- a dust portion comprising at most about 6 according to the Determination of the Dust Portion method set forth in the present application.
- (Currently Amended) The <u>treated water-absorbing polymer particles powdery</u>
 water-absorbing polymer according to Claim 1, wherein the flow value (FFC) comprises from
 about 1 to about 13 and the dust portion comprises at most about 6, respectively based on the
 total weight of the powdery water-absorbing polymers.
- (Currently Amended) The <u>treated water-absorbing polymer particles powdery</u> water-absorbing polymer according to Claim 1, wherein the thermoplastic adhesive has a melt temperature according to ISO 11357 of at least about 50 °C.

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 (Currently Amended) The <u>treated water-absorbing polymer particles powdery</u> water-absorbing polymer according to Claim 1, wherein the thermoplastic adhesive has a melt viscosity according to Brookfield (ASTM E 28) with a number 27 spindle at a temperature of about 160°C of less than about 2000 Pas.

- (Currently Amended) The <u>treated water-absorbing polymer particles powdery</u> water-absorbing polymer according to Claim 1, wherein the thermoplastic adhesive comprises at least about 10 percent by weight of the adhesive of a polycondensate.
- (Currently Amended) The treated water-absorbing polymer particles powdery water absorbing polymer according to Claim 5, wherein the polycondensate comprises a polyester.
- (Currently Amended) The <u>treated water-absorbing polymer particles powdery</u> water-absorbing polymer according to Claim 1, wherein at least about 80 percent by weight of the fine particle comprises an organic fine particle.
- (Currently Amended) The <u>treated water-absorbing polymer particles powdery</u> water-absorbing polymer according to Claim 1, wherein at least about 80 percent by weight of the fine particle comprises an inorganic fine particle.
- (Currently Amended) The <u>treated water-absorbing polymer particles powdery</u> water-absorbing polymer according to Claim 1, wherein the water-absorbing polymers include secondary crosslinking in a surface region.
- (Currently Amended) The <u>treated water-absorbing polymer particles powdery</u>
 water-absorbing polymer according to Claim 9, wherein the surface crosslinking in the surface
 region comprises crosslinking effected by at least one organic compound or at least one
 polyvalent metal cation.

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11. (Currently Amended) [[A]] <u>Treated water-absorbing polymer particles consisting of a powdery water-absorbing polymer comprising to at least about 30 percent by weight of the polymer of a crosslinked, partially neutralised, polyacrylic acid and with at least one of the following properties:</u>

- P1 a flow value (FFC) comprising from about 1 to about 13; or
- P2 a dust portion comprising at most about 6,
- P3 an attrition index A; comprising from about 1 to about 17;
- P4 an attrition difference A_d comprising from 0 to about 7; or
- P5 a retention determined according to ERT 441.1-99 comprising at about least 20 g/g.

Claims 12-17 (Canceled)

- (Currently Amended) [[A]] <u>Treated water-absorbing particles consisting of a powdery water-absorbing polymer, obtainable by a process according to Claim 12 comprising the steps of:</u>
 - providing from about 0.01 to about 20 percent by weight of a fine particle with a particle size of less than about 200 µm;
 - providing from about 0.001 to about 10 percent by weight of a thermoplastic adhesive;
- providing from about 60 to about 99.998 percent by weight of a waterabsorbing polymer particle with a particle size of about 200 μm and above; and contacting the fine particle, the thermoplastic adhesive, and the water-absorbing polymer particle with each other at a temperature comprising from about 120 to about 250 °C.

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(Currently Amended) A powdery water-absorbing polymer <u>The treated water-absorbing polymer particles</u> according to Claim 18 comprising at least one of the following properties:

- P1 a flow value (FFC) comprising from about 1 to about 13; or
- P2 a dust portion comprising at most about 6,
- P3 an attrition index A_i comprising from about 1 to about 17;
- P4 an attrition difference A_d comprising from 0 to about 7; or
- P5 a retention determined according to ERT 441.1-99 comprising at least about 20 g/g.
- 20. (Currently Amended) A powdery water absorbing polymer The treated waterabsorbing polymer particles according to Claim 1, wherein at least about 50 percent by weight of the powdery water-absorbing polymers have a particle size comprising from about 50 to about 2,000 µm.

Claims 21-22 (Canceled)

- (Currently Amended) A composite comprising the <u>treated water-absorbing</u> polymer particles powdery water absorbing polymer according to Claim 1.
- (Currently Amended) A chemical product comprising the <u>treated water-absorbing</u> polymer particles powdery water absorbing polymer according to Claim 1.

Claim 25 (Canceled)

26. (New) The treated water-absorbing polymer particles according to Claim 1, comprising from about 0.001 to about 0.9 percent by weight of the polymer of a thermoplastic adhesive.

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27. (New) The treated water-absorbing polymer particles according to Claim 1, comprising from about 0.001 to about 0.5 percent by weight of the polymer of a thermoplastic adhesive.